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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

6 + 19
Refs.

Application Number

09/899,348

Filing Date

July 5, 2001

First Named Inventor

Desmond D. MASCARENHAS

Examiner Name

To Be Assigned

Group Art Unit

2161

Attorney Docket No.

479942000300

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosures (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Nineteen (19) References
<input checked="" type="checkbox"/> Information Disclosure Statement w/Form 1449 (4 pages)	<input type="checkbox"/> Request for Refund	2. Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
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Remarks

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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

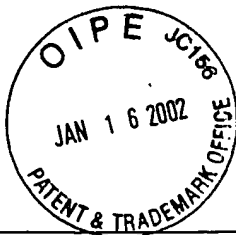
Firm or Individual Name	Morrison & Foerster, 425 Market Street, San Francisco, CA 94105
Signature	Erwin J. Basinski, Reg. No. 34,773
Date	December 18, 2001

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on December 18, 2001.

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PATENT
Docket No. 479942000300

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Valerie Cohen
Valerie Cohen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Desmond D. MASCARENHAS

Serial No.: 09/899,348

Filing Date: July 5, 2001

For: SYSTEM AND METHOD FOR USING
PSYCHOLOGICAL SIGNIFICANCE
PATTERN INFORMATION FOR
MATCHING WITH TARGET
INFORMATION

Examiner: To Be Assigned

Group Art Unit: 2161

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**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.


The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to


charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **479942000300**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 18, 2001

Respectfully submitted,

By: 
Erwin J. Basinski
Registration No. 34,773

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) 	Docket Number 479942000300	Application Number 09/899,348
	Applicant Desmond D. MASCARENHAS	
	Filing Date July 5, 2001	Group Art Unit 2161
	Mailing Date December 18, 2001	RECEIVED

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/10/98	5,835,087	Herz et al.			
	2.	12/8/98	5,848,396	Gerace			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	3.	6/26/96	0 718 784 A1	EPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	4.	A. Ben-DOR et al., "Clustering Gene Expression Patterns" J. of Computational Biol., vol. 6, nos.3/4, 1999, pp. 281-297.
	5.	M. P.S. Brown et al., "Knowledge-based analysis of microarray gene expression data by using support vector machines", PNAS, vol. 97, no.1, 1/4/2000, pp. 262-267.
	6.	J. A. P. Costa et al., "Estimating the Number of Clusters in Multivariate Data by Self-Organizing Maps", Int. J. of Neural Systems, vol. 9, No. 3, June 1999, pp. 195-202.
	7.	M. B. Eisen et al., "Cluster analysis and display of genome-wide expression patterns", Proc. Natnl. Acad. Sci., vol. 95, 12/1998, pp. 14863-14868.
	8.	L. D. Greller et al., "Detecting Selective Expression of Genes and Proteins", Genome Research, 1999, pp. 282-296.
	9.	L. J. Heyer et al., "Exploring Expression Data: Identification and Analysis of Coexpressed Genes", Genome Research, 1999, pp. 1106-1115.
	10.	Dallas E. Johnson, Kansas State Univ. "Applied Multivariate Methods for Data Analysts", book, Duxbury Press, 1998.
	11.	G. Keller et al., "Human embryonic stem cells: The future is now", Nature Medicine, vol. 5, no. 2, Feb. 1999.
	12.	J. P. Robinson et al., "Measures of Personality and Social Psychological Attitudes", book, Academic Press, Inc. 1991.

EXAMINER:

DATE CONSIDERED:

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 479942000300	Application Number 09/899,348
	Applicant Desmond D. MASCARENHAS	
	Filing Date July 5, 2001	Group Art Unit 2161
	Mailing Date December 18, 2001	

13.	H. Ch. Romesburg, "Cluster Analysis for Researchers", Lifetime Learning Publications, Ca., Chapter 2, 1984, 23 pgs.
14.	S. Sharma, "Applied Multivariate Techniques", book, J. Wiley & Sons, Inc., 1996.
15.	P. Tamayo et al., "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation", Proc. Natnl. Acad. Sci., vol. 96, 3/1999, Genetics, pp. 2907-2912.
16.	P. Toronen et al., "Analysis of gene expression data using self-organizing maps", FEBS Letters 451, 1999, pp. 142-146.
17.	M. G. Walker et al., "Prediction of Gene Function by Genome-Scale Expression Analysis: Prostate Cancer-Associated Genes", Genome Research, 1999, pp. 1198.
18.	D. Wilkinson et al., "Predicting the Solubility of Recombinant Proteins in Escherichia Coli", Biotechnology, vol. 9, 5/1991, pp. 443-448.
19.	Y. Zhang et al., "Expression of Eukaryotic Proteins in Soluble Form in Escherichia coli", Protein Expression and Purification 12, 1998, pp. 159-165.

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